

Claims

[c1] I claim as my invention:

1. A golf club head comprising:

a face component, having a striking plate portion and a return portion;

an aft-body having a crown portion and a sole portion, the aft-body attached to the return portion of the face component; and

a gasket positioned in a gap between the face component and the aft-body.

[c2] 2. The golf club head according to claim 1 wherein the gasket is composed of a polymer material.

[c3] 3. The golf club head according to claim 1 wherein the gasket is composed of a thermoplastic polyurethane elastomer material.

[c4] 4. The golf club head according to claim 1 wherein the gasket has a width in the range of 0.010 inch to 0.200 inch.

[c5] 5. The golf club head according to claim 1 wherein at least a portion of the gasket has a L shaped cross-section.

- [c6] 6. The golf club head according to claim 1 wherein at least a portion of the gasket has a wedged shaped cross-section.
- [c7] 7. The golf club head according to claim 1 wherein at least a portion of the gasket has a rectangular shaped cross-section.
- [c8] 8. The golf club head according to claim 1 wherein at least a portion of the gasket has a circular shaped cross section.
- [c9] 9. The golf club head according to claim 1 wherein the gasket has a first portion having a first cross-section and a second portion having a second cross-section, the first cross-section having a different configuration than the second cross-section.
- [c10] 10. The golf club head according to claim 1 wherein the gap is positioned 0.5 inch to 2.5 inches from a perimeter of the striking plate of the face component.
- [c11] 11. A golf club head comprising:
a face component composed of a metal material, the face component having striking plate portion and a re-
turn portion, the striking plate portion having a thick-
ness in the range of 0.010 inch to 0.250 inch and the re-

turn portion having a thickness ranging from 0.010 inch to 0.250 inch;

an aft body comprising an upper section and a lower section, the upper section comprising a crown portion and an upper ribbon portion and the lower section comprising a sole portion and a lower ribbon portion, the aft-body composed of a metal material selected from the group consisting of magnesium alloys, aluminum alloys, magnesium and aluminum, the aft-body attached to the return portion of the face component, the aft body having a thickness ranging from 0.015 inch to 0.100 inch; and

a gasket positioned in a gap between the face component and the aft-body,

wherein the moment of inertia about the I_{zz} axis through the center of gravity is greater than 3000 grams-centimeter squared, and the moment of inertia about the I_{yy} axis through the center of gravity is greater than 1900 grams-centimeter squared.

[c12] 12. The golf club head according to claim 11 wherein the gasket is composed of a thermoplastic elastomer material.

[c13] 13. The golf club head according to claim 11 wherein the gasket has a thickness in the range of 0.010 inch to 0.200 inch.

[c14] 14. The golf club head according to claim 11 wherein the gasket has a first portion having a first cross-section and a second portion having a second cross-section, the first cross-section having a different configuration than the second cross-section.

[c15] 15. A golf club head comprising:
a face component composed of a metal material, the face component having striking plate portion and a return portion, the striking plate portion having a thickness in the range of 0.010 inch to 0.250 inch;
an aft-body comprising an upper section and a lower section, the upper section comprising a crown portion and an upper ribbon portion and the lower section comprising a sole portion and a lower ribbon portion, the aft-body composed of a metal material selected from the group consisting of magnesium alloys, aluminum alloys, magnesium and aluminum, the aft-body attached to the return portion of the face component, the aft-body having a thickness ranging from 0.015 inch to 0.100 inch;
a gasket positioned in a gap between the face component and the aft-body, wherein the golf club head has a volume ranging from 350 cubic centimeters to 525 cubic centimeters and a mass ranging from 175 grams to 225 grams.